Contents

In Orbit — RALPH A. REIS, *Editor* — 1

Clinical and Pathologic Significance of Anaplasia (Atypical Hyperplasia) of the Cervix Uteri — DONALD G. MC KAY, BEDROS, TERJANIAN, DADNI PORCHYACHINDRA, PAUL A. YOUNGE, *and* ARTHUR T. HERTIG — 2

Non-Narcotic Analgesia to Simplify Postpartum Care — FERNANDO S. SANTIAGO *and* D. N. DANFORTH — 22

Origin of the Human Corpus Luteum — E. MOMIGLIANO — 24

Maternal Mortality Associated with Anesthesia: A follow-up study (1952–1957) in the Bronx County, N. Y. — MILTON D. KLEIN *and* JACOB CLAMR — 32

Vitamin K—Blood-clotting Studies During Pregnancy and Prothrombin and Proconvertin Levels in the Newborn — JAMES W. FRESH, HARVEY ADAMS, *and* FRANCES M. MORGAN — 37

Vitamin K: Its Relationship to Unexplained Jaundice in the Newborn — JOHN I. BISKIND *and* IRWIN HERMAN — 41

Meprobamate in Labor — LEO IGEL *and* EDWARD SOLOMONS — 46

The Gravimetric Estimation of Chorionic Gonadotropin in Normal and Pathologic Pregnancy — CHARLES A. JOËL *and* MOSHÉ LANCET — 51

Drug Effect on the Female Bladder and Its Sphincter Mechanism — ABDEL FATTAH YOUSSEF — 61

Diagnostic X-ray Procedures in Obstetrics — JOHN W. WALSH — 74

Vaginal Hysterectomy in the Geriatric Patient — LOWELL R. SMITH *and* JOSEPH HYDE PRATT — 84

Congenital Spherocytosis: A report of two cases during pregnancy and the puerperium — EMANUEL HELLMAN *and* NASSER DAVOODZADEH — 92

The Future Outlook for Rh-Negative Mothers Based on Past History — WARREN M. JACOBS — 96

Stellate Ganglion Block for Pulmonary Embolism Complicating Pregnancy: Report of a case — HERBERT EBNER — 99

Hematometra in a Rudimentary Uterine Horn: A diagnostic problem — ROSS L. WILLOWS *and* MARK B. WALL — 103

Recurrent Eclampsia: Report of a case — HAROLD FEINSTEIN, RUSHTON PATTERSON, *and* HARRY BAER — 107

Abdominal Pregnancy: Early diagnosis and delivery of a surviving infant: report of a case — WILLIAM B. STROMME, SHELDON C. READ, *and* S. WILLIAM HAYWA — 109

Atypical Endometriosis Associated with Tubal Pregnancy — DUANE N. TWEEDDALE *and* KATHRYN E. HOFFMAN — 114

Letters — 118

After Office Hours: An Etiologic Aspect of Cancer — FRANK R. SMITH — 119

Book Reviews — 128

Uterosacral Block — WILLIAM J. SPANOS *and* JAMES C. STEELE — 129

Gynandroblastoma of the Ovary: Review and report of a case — OTTO R. EMIG, ARTHUR T. HERTIG, *and* F. J. ROWE — 135

Serum Lactic Dehydrogenase in Pregnancy — WILLIAM A. LITTLE — 152

Lactic Acid Dehydrogenase During Pregnancy and Puerperium — JOSEPH J. SMITH, EUGENE D. SCHWARTZ, *and* MORTON K. SCHWARTZ — 163

Antihypertensive Drugs in Toxemia: A practical integrated plan of management — MARVIN H. GRODY — 166

Accurate Diagnosis of "Ovarian Vascular Accidents": Review of 32 instances, with clinical conclusions — JAMES A. FITZGERALD *and* MARTIN V. BERRIGAN — 175

The Obstetric Importance of Obesity and "Benign" Glycosuria in Prediagnosis Diabetes — JULIUS POMERANZE, MARTIN L. STONE, *and* EDWARD J. KING — 181

Treatment of Threatened Abortion — WILLIAM H. AINSLIE — 185

The Elderly Multigravida — D. FRANK KALTREIDER — 190

Spontaneous Intraperitoneal Rupture of Benign Cystic Teratomas — M. MAURICE ABITBOL, WILLIAM POMERANCE, *and* ABRAHAM MACKLES — 198

CONTENTS

Synthetic Oxytocin: I. Comparison of effect with alkaloids of ergot in the third and fourth stages of labor. II. Evaluation of its results in milk letdown — ROBERT H. STEWART *and* ROBERT N. NELSON — 204
Measurement of Blood Loss in Vaginal Surgery — DAVID J. WEXLER — 213
Histoplasmosis in Pregnancy — MORRIS SABIN *and* NORMAN M. BROWN — 218
Carcinoma of the Cervix and Uterine Prolapse — D. M. SHOLES, JR. — 223
Malignant Brenner Tumor — M. S. FODA *and* M. ALAEDINE SHAFEEK — 226
After Office Hours: A Visit with Dr. Jean Paul Pratt — SAM. GORDON BERKOW — 233
Special Feature: Planning Perinatal Mortality Studies — EDITH L. POTTER — 243
Resuscitation of Stillborn Infants — HORST H. EPPLE *and* JAMES M. SUTHERLAND — 259
Atypical Endometrial Hyperplasia — EDWARD H. COPENHAVER — 264
Vaginal Tampons and Their Relationship to the Cervix Uteri as Determined by Roentgenography — W. RILEY KOVAR, HILLARD J. GIBLIN, *and* JOHN M. RODDY — 269
Detection of Gynecologic Cancer by Fluorescence Microscopy — WALTER SUSSMAN — 273
Cytology for Uterine-Cancer Detection in Clinic and Private Patients — WALTER K. HARTFORD — 278
Fluothane for Obstetric Anesthesia — CHALOM A. ALBERT, GAIL ANDERSON, WILLIAM WALLACE, EVELYN E. HENLEY, ALAN W. WINSHEL, *and* SOLOMON N. ALBERT — 282
Cervical Adenocarcinoma of Mesonephric Origin: Report of a case — DENIS CAVANAGH — 285
Rupture of the Uterus — LEWIS B. POSNER, JULIA RAMIREZ SANTOS, *and* A. CHARLES POSNER — 288
Ovarian Mesenchymomas: A five-year follow-up study — A. W. DIDDLE *and* WM. P. DEVEREUX — 294
Maternal Vitamin A Deficiency and Fetal Microcephaly and Anophthalmia: Report of a case — VISHNU SARMA — 299
The Role of the Gynecologist in Family and Marriage Counseling — J. ALLAN OFFEN — 302
Hernia Through the Broad Ligament Complicating Pregnancy — MORRIS J. BORDENCA — 311
The Proper Time for Delivery in Rh-Immunized Mothers — WARREN M. JACOBS — 314
Placenta Accreta: Report of a case treated without hysterectomy — VINCENT S. DI GIULIO, C, JACKSON HEIBERGER, *and* ROY VANDENBERG — 316
Sickle Cell-Hemoglobin C Disease: Report of a case associated with sudden coma in puerperium — R. G. ALPER, D. CAVANAGH, *and* ULFAR JONSSON — 319
The Human Placenta with Especial Reference to Infarction and Toxemia — D. R. SHANKLIN — 325
Abdominal Pregnancy Following Irving Tubal Ligation: Report of a case — STEPHEN HORNSTEIN *and* SIDNEY A. KAY — 337
Antepartum Thrombophlebitis: Report of a case — OHANES DER OHANESIAN — 341
The Significance of Decidual Shedding: Report of a case — MARVIN S. HANS — 343
Vitamin B_{12} Concentration in Maternal and Fetal Blood — A. SADOVSKY, B. BERCOVICI, M. RACHMILEWITZ, N. GROSSOWICZ, *and* J. ARONOVITCH — 346
Ab Initio Choriocarcinoma: Two unusual cases — H. ACOSTA-SISON — 350
Intravenous Pitocin in Induction and Stimulation of Labor: A study of 3754 cases — HARRY FIELDS, JOHN W. GREENE, JR., *and* ROBERT R. FRANKLIN — 353
Cardiovascular Effects of Intravenous Syntocinon — JAMES R. BERGQUIST *and* IRWIN H. KAISER — 360
The First Five Years: A history of the beginnings of The American Academy of Obstetrics and Gynecology — CRAIG W. MUCKLE — 365
Letters — 375
Editorial — K. S. TOM — 377
Book Reviews — 380
After Office Hours: Dystocia on Mount Olympus — WILLIAM GOTTSCHALK — 381
Hemisulfur Mustard in the Palliation of Patients with Metastatic Ovarian Carcinoma — THOMAS H. GREEN, JR. — 383
Asian Influenza in Pregnancy: Relationship to fetal anomalies — WILLIAM M. WALKER *and* ALBERT P. MC KEE — 394
The Management of Infected Abortion — NURAN TURKSOY — 399

CONTENTS

Lithopedion: A case report — JOHN F. CLARK *and* HENRY R. ELLISON — 402
Effects of Oxytocic and Analgesic Drugs on the Human Electrohysterogram — S. D. LARKS, K. DASGUPTA, D. G. MORTON, *and* A. W. BELLAMY — 405
Sex-Steroid Therapy for Postpartum Breast Symptoms: A review — JAY J. GOLD *and* MELVIN R. COHEN — 413
Premarital Counseling: A Multidimensional Approach — ROBERT B. MC CREADY — 420
Obstetric Anesthesia Care: Full-time coverage in a private hospital — ALFRED T. NELSON, OTTO C. PHILLIPS, *and* JOHN E. SAVAGE — 426
Further Observations on Reactivity to Insulin in Normal Pregnancy — RICHARD L. BURT — 433
Spinal Anesthesia for Vaginal Delivery: A review of 2016 cases using Xylocaine — OTTO C. PHILLIPS, ALFRED T. NELSON, WILLIAM B. LYONS, THOMAS D. GRAFF, LEROY C. HARRIS, AND TODD M. FRAZIER — 437
Caudal Anesthesia: The factors that influence its effect on labor — EMANUEL A. FRIEDMAN *and* MARLENE R. SACHTLEBEN — 442
Colposcopy—An Aid in the Detection of Early Cancer and Precancerous Conditions of the Cervix — RICHARD B. SALZER — 451
Routine Use of Intramuscular Apresoline for the Prevention of Eclampsia — EDWARD SATTENSPIEL *and* GREGORY C. SMITH — 457
Unicornate Uterus and Hyperchloremic Renal Acidosis: Report of a case — ROBERT C. GOODLIN — 463
The Sagi Test in Pregnancy — LOCKE L. MACKENZIE, EUGENE S. SAGI, *and* E. CUYLER HAMMOND — 467
Carcinoma of the Broad Ligament — JAMES A. MERRILL — 472
Arborization of Cervical and Nasal Mucus and Salvia — BERNHARD ZONDEK — 477
Placenta Accreta with Placenta Previa Centralis: Review and report of a case — W. T. WEST *and* R. A. WEST — 482
Familial Endometriosis: Report of mother and three daughters — FRANCIS NASH *and* ROY J. HEFFERNAN — 485
Serum Glutamic Oxalacetic Transaminase Levels in the Toxemias of Pregnancy — WILLIAM E. CRISP, ROGER L. MIESFELD, *and* WALTER J. FRAJOLA — 487
Management of the Incompetent Cervix During Pregnancy: Report of three cases — GEORGE C. LEWIS *and* THEODORE P. REED — 498
A Unique Postpartum Rectal Suppository — RICHARD N. BOLTON *and* RALPH C. BENSON — 501
Effect of Trilafon on Nausea and Vomiting During Labor — G. ANDERSON, C. ALBERT, E. HENLEY, S. WITTEN, A. WINSHEL, *and* S. ALBERT — 504
Rupture of the Uterus: An 18-year survey — MAX L. GOLDEN *and* JOHNNIE R. BETSON, JR. — 506
Letters — 513
Editorial: Specialism, Femininity and Medical Education — WILLIS E. BROWN — 514
Book Reviews — 517
Endometrial Granulocytes — GISELA HELLWEG *and* JAMES A. SHAKA — 519
Cancer Precursors in Pregnancy — DAVID B. MOORE *and* S. B. GUSBERG — 530
Internal Menstrual Protection — REBECCA LISWOOD — 539
Ectopic Pregnancy: Is It Increasing? — DANIEL B. ROTH — 544
Retroperitoneal "Fetus in Fetu" — TOSHIO FUJIKURA *and* WARREN C. HUNTER — 547
Premature Infant Deaths: A ten year study of causes and prevention — E. STEWART TAYLOR *and* LOUISE C. WALKER — 555
Hysterosalpingography and Colpohysterosalpingography: New technics and modifications — DANTE CALANDRA, JUAN CARLOS GLUCK, *and* NILDA CALANDRA — 563
Subacute Bacterial Endocarditis Following Obstetric and Gynecologic Procedures: Report of eight cases — JOHN N. LEIN *and* RICHARD W. STANDER — 568
Reaction to Cervilaxin: Report of a case — W. P. WENDT *and* C. W. WOLFE — 574
The Laboratory, the Surgeon and In Situ Cancer of the Cervix — S. C. KASDON — 576
Surgical Management of Chronic Pelvic Inflammatory Disease: A study of 138 cases — C. J. MC GRUDER, JR. — 591
A Psychiatric Study of Idiopathic Prolonged Labor — ANDREW S. WATSON — 598
Delivery of the Anterior Shoulder: A neglected art — G. A. MAZZANTI — 603

CONTENTS

Surgical Treatment of Endometrial Carcinoma: An analysis of 97 cases — PAUL E. STROUP — 608

Multiple-Source Intracavitary Radium Applicator — DAVID W. KRAEMER *and* GEORGE C. LEWIS, JR. — 614

Editorial: Carcinoma of the Cervix Is Not a Surgical Disease — RALPH A. REIS — 617

After Office Hours: A Visit with Dr. Joe Vincent Meigs — SAM. GORDON BERKOW — 621

Letters — 630

Book Reviews — 632

The Electronic Evaluation of Fetal Heart Rate: I. With Pressure on the Fetal Skull — FRANK CHUNG *and* EDWARD H. HON — 633

Face Presentation — H. E. SCHMITZ, U. CUCCO, *and* R. S. PAVLIC — 641

Cytologic Considerations in Carcinoma in Situ of the Cervix — GEORGE J. ANDROS — 648

Carcinoma in Situ — CLAYTON T. BEECHAM *and* JOHN P. EMICH, JR. — 653

Pathologic Aspects of Carcinoma in Situ of the Cervix — AUGUSTIN R. PEALE — 657

Colposcopy Detection of Atypical and Cancerous Lesions of the Cervix — ALBRECHT SCHMITT — 665

Serotonin in Pregnant and Parturient Women — S. LEON ISRAEL, HARRIET T. SELIGSON, PAUL E. STROUP, *and* DAVID SELIGSON — 672

Indications for Vaginal Hysterectomy — ROGER D. KEMPERS, JAMES S. HUNTER, JR., *and* JOHN S. WELCH — 677

Emergency Conditions in Obstetrics and General Surgery — WILLIAM H. SNYDER, JR. *and* LAWRENCE CHAFFIN — 683

Puerperal Paralysis of the Abducens Nerve — MARTIN M. MANDEL — 693

Fetal Oxygenation in Normal Obstetric Patients — JAMES A. LOW — 695

Pregnancy Following Bilateral Cystectomy for Large Dermoids: Report of a case — HUGH G. BELL — 701

Postcoital Bleeding: An Unusual Symptom of Male Pathology: Report of a case — FRANK C. GREISS, JR. *and* FRANK R. LOCK — 705

Blood Loss in Vaginal Surgery: A Comparative Study — MORTON R. LAZAR *and* HARVEY A. KRIEGER — 707

Placenta Accreta Vera: Report of a case — JEROME ABRAMS — 711

Endometrial Adhesions and Endometriosis: Report of a case — HARRY J. PAPPAS — 714

Intrauterine Fetal Death Due to Amniotic Bands: A review of the literature and case report — HERBERT L. KOTZ *and* ROMEO A. VIDONE — 717

Premenarchal Vaginitis — WARREN R. LANG — 723

Urachal-Tract Disease as a Gynecologic Problem: Report of a case — RONALD DEW — 730

Primary Papillary Carcinoma of Uterine Tube: Report of a case — R. S. CRON *and* J. L. CLAUDE — 734

Metastatic Choriocarcinoma Without Primary Lesion: Report of a case — ROGELIO E. ARIAS *and* FERRUCCIO BERTOLI — 737

Endometriosis Treated with Prolonged Administration of Diethylstilbestrol: Report of a case — CLIFTON F. DOUGLAS *and* JOHN C. WEED — 744

Invasive Hydatidiform Mole Metastatic to the Lungs: Report of a case — SHELDON REED, JOHN I. COE, *and* JAMES BERGQUIST — 749

Volvulus with Massive Gangrene Complicating Pregnancy: Report of a case — RICHARD F. MORTON, ANDREW WEBSTER, *and* HARRY DE MARIS — 754

Pregnancy Complicating Systemic Lupus Erythematosus: Report of a case — RALPH F. REINFRANK — 756

Tranquilizers for Gynecologic Outpatients — J. G. MACLURE, J. K. SCHANZE, *and* J. H. FERGUSON — 760

Clinical Evaluation of a Tranquilizing Drug — ARTHUR G. KING — 763

Editorial: The Place of X-ray Pelvimetry in Modern Obstetrics — WARREN M. JACOBS *and* STANLEY F. ROGERS — 766

Indexes

Authors — 767

Subjects and Titles — 771